

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130334.D
 Acq On : 19 Sep 2022 22:37
 Operator : CG\JU
 Sample : N4701-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-091622

Quant Time: Sep 20 02:30:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

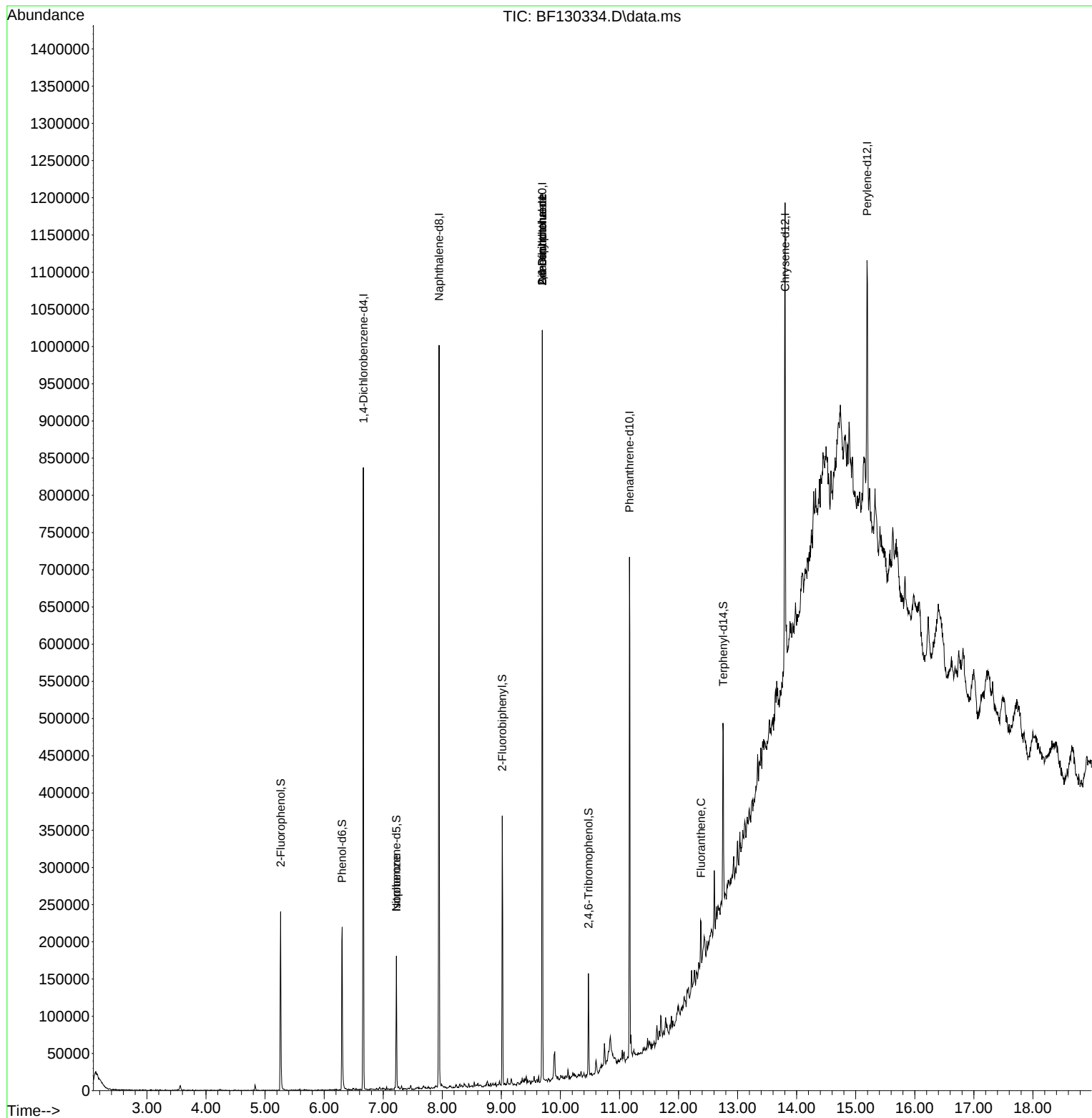
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	103131	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	391811	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	173167	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	229590	20.000	ng	0.00
76) Chrysene-d12	13.804	240	191812	20.000	ng	0.00
86) Perylene-d12	15.192	264	137520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	60883	10.239	ng	0.00
7) Phenol-d6	6.304	99	76291	10.254	ng	0.00
23) Nitrobenzene-d5	7.222	82	46972	6.125	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	13328	8.032	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	91427	7.688	ng	0.00
79) Terphenyl-d14	12.757	244	71730	6.195	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.222	82	46830	3.789	ng	# 66
50) Dimethylphthalate	9.692	163	31853	2.663	ng	# 1
51) 2,6-Dinitrotoluene	9.692	165	22377	8.945	ng	# 16
57) 2,4-Dinitrotoluene	9.692	165	22377	6.999	ng	# 16
75) Fluoranthene	12.380	202	25143	2.019	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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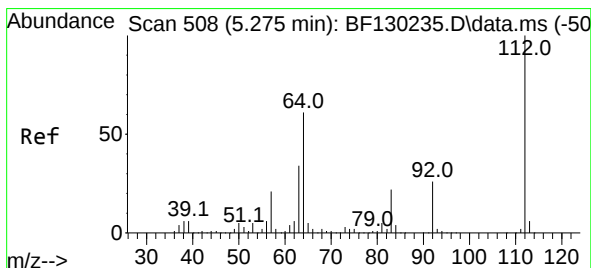
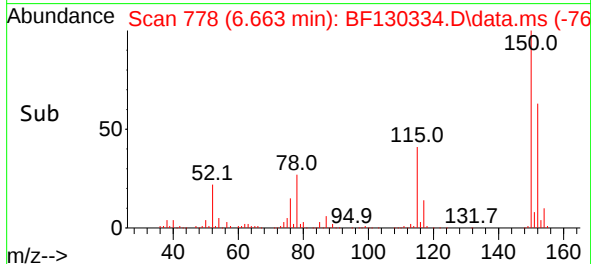
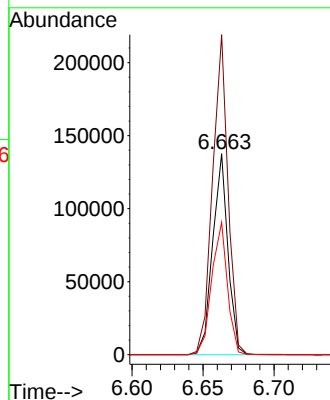
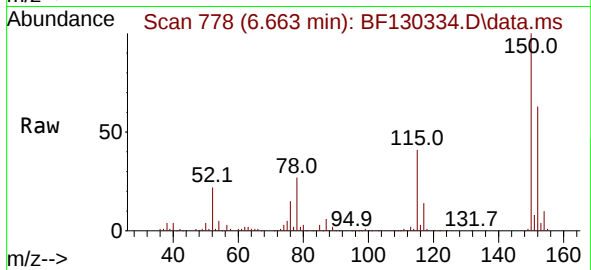




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130334.D
Acq: 19 Sep 2022 22:37

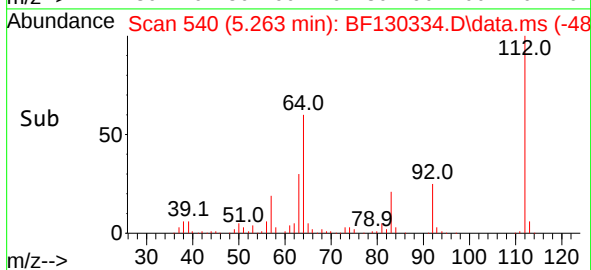
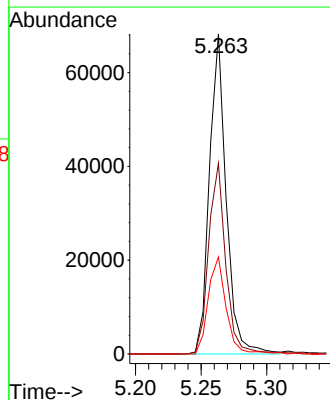
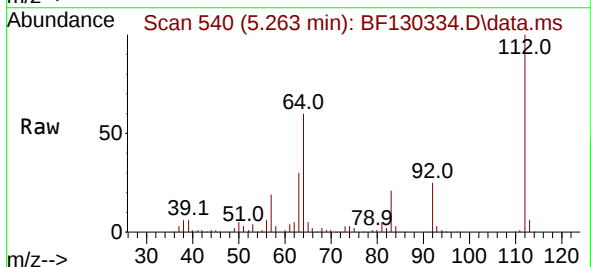
Instrument :
BNA_F
ClientSampleId :
OK-02-091622

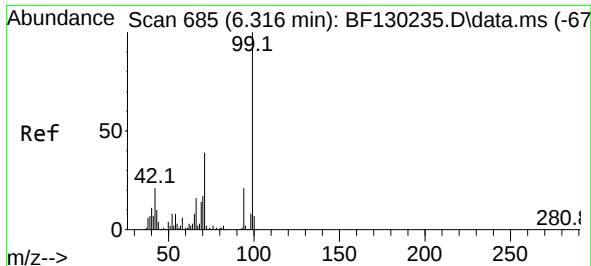
Tgt Ion:152 Resp: 103131
Ion Ratio Lower Upper
152 100
150 159.3 122.8 184.2
115 65.9 53.8 80.8



#5
2-Fluorophenol
Concen: 10.239 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130334.D
Acq: 19 Sep 2022 22:37

Tgt Ion:112 Resp: 60883
Ion Ratio Lower Upper
112 100
64 59.6 51.4 77.0
63 30.3 28.8 43.2

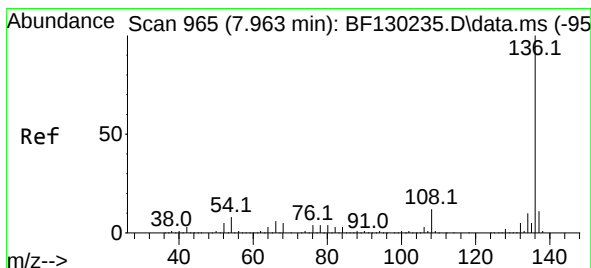
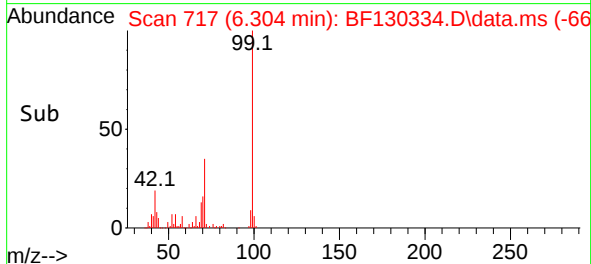
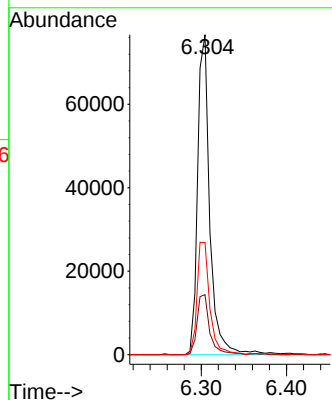
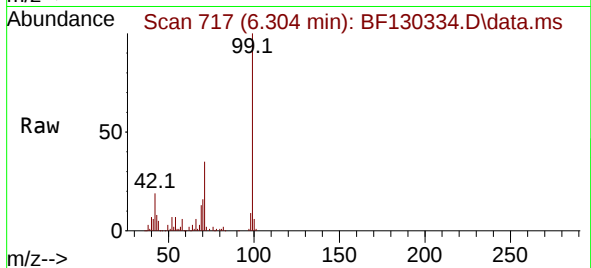




#7
Phenol-d6
Concen: 10.254 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130334.D
Acq: 19 Sep 2022 22:37

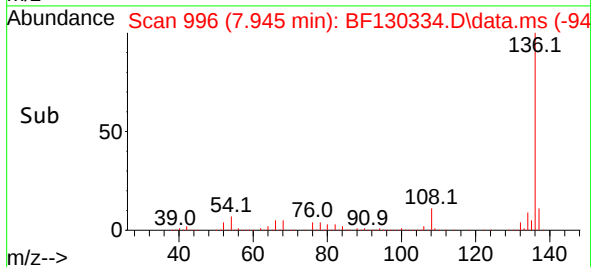
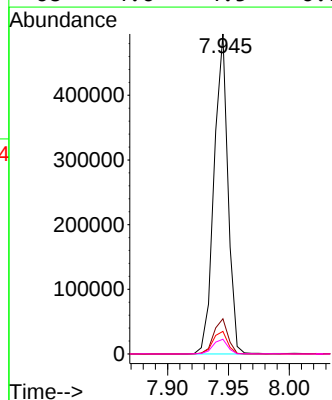
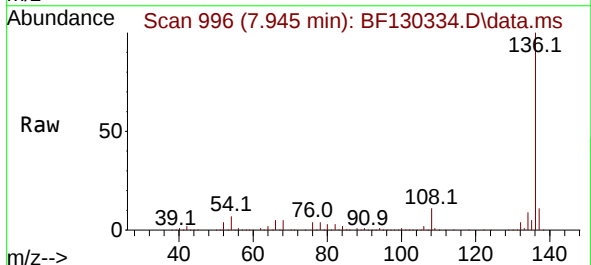
Instrument :
BNA_F
ClientSampleId :
OK-02-091622

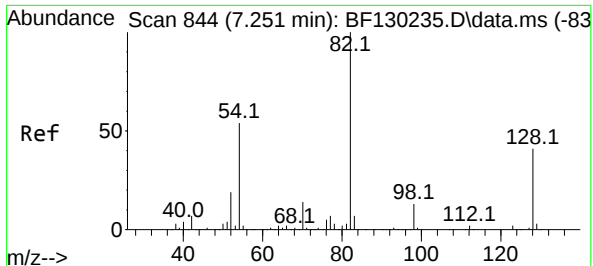
Tgt Ion: 99 Resp: 76291
Ion Ratio Lower Upper
99 100
42 18.8 17.0 25.6
71 35.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF130334.D
Acq: 19 Sep 2022 22:37

Tgt Ion: 136 Resp: 391811
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.0 7.1 10.7#
68 4.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 6.125 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130334.D

Acq: 19 Sep 2022 22:37

Instrument :

BNA_F

ClientSampleId :

OK-02-091622

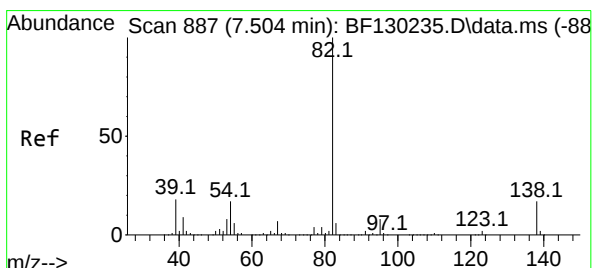
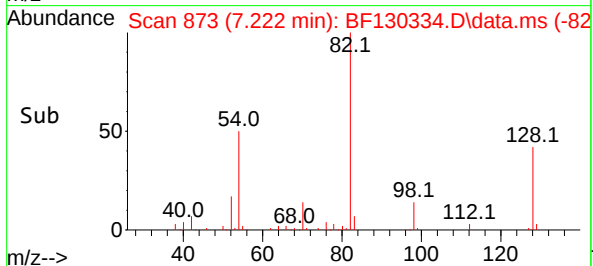
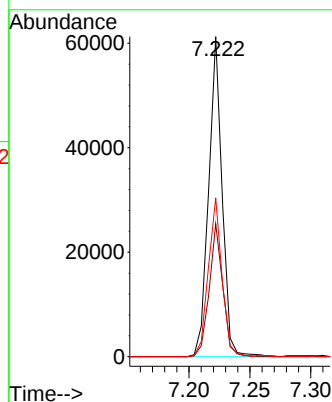
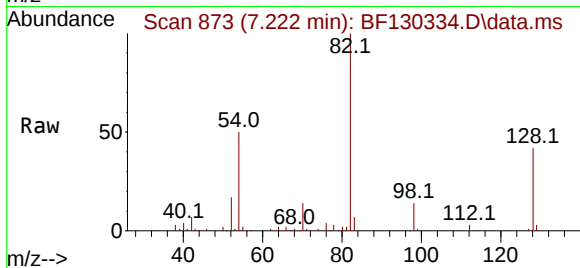
Tgt Ion: 82 Resp: 46972

Ion Ratio Lower Upper

82 100

128 41.5 32.6 49.0

54 49.7 43.8 65.6



#25

Isophorone

Concen: 3.789 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.270 min

Lab File: BF130334.D

Acq: 19 Sep 2022 22:37

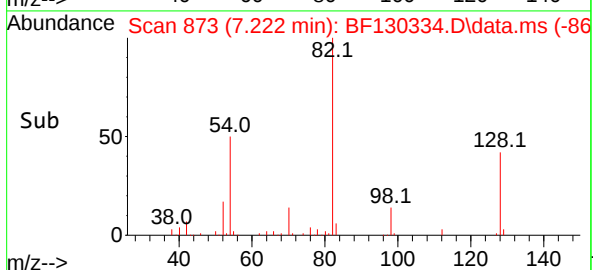
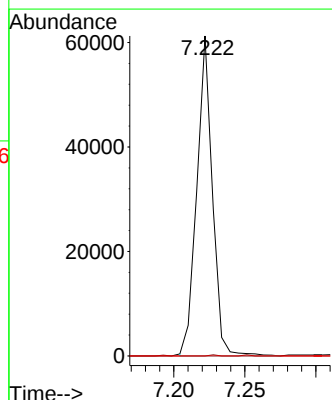
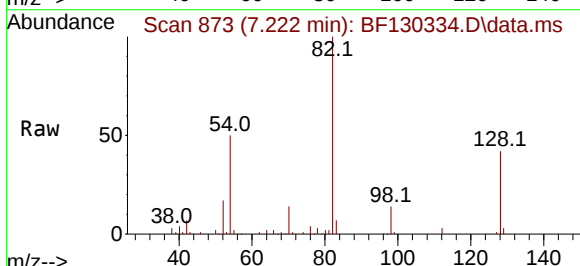
Tgt Ion: 82 Resp: 46830

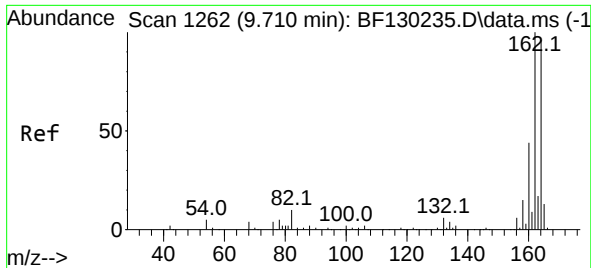
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 13.8 20.6#

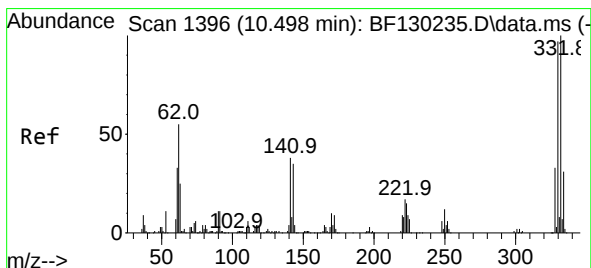
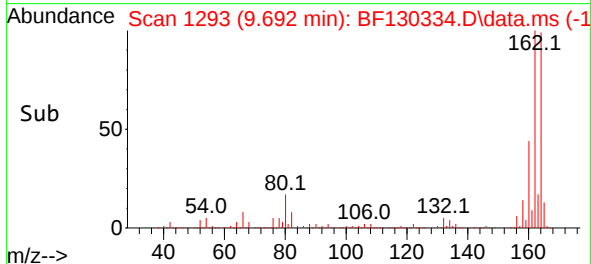
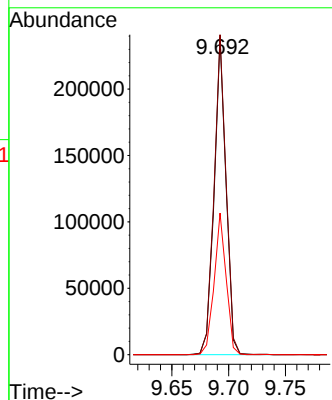
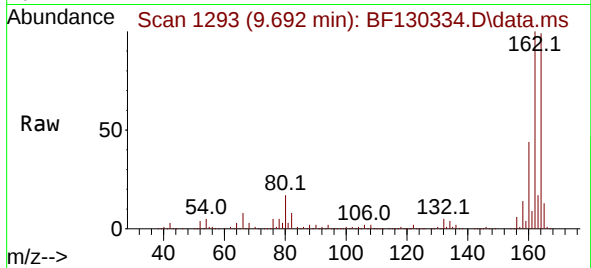




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130334.D
Acq: 19 Sep 2022 22:37

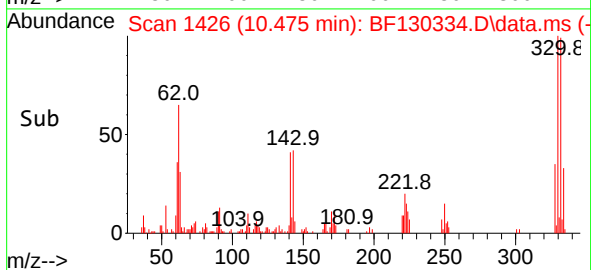
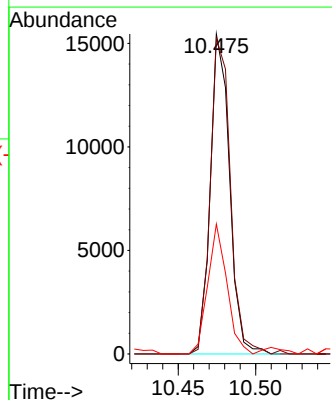
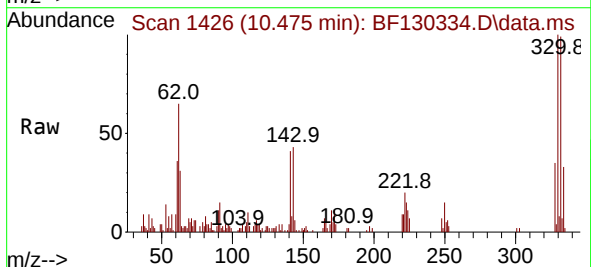
Instrument :
BNA_F
ClientSampleId :
OK-02-091622

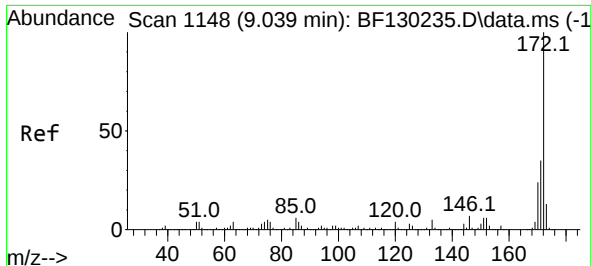
Tgt Ion:164 Resp: 173167
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 44.6 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 8.032 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF130334.D
Acq: 19 Sep 2022 22:37

Tgt Ion:330 Resp: 13328
Ion Ratio Lower Upper
330 100
332 103.4 83.4 125.2
141 40.3 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 7.688 ng

RT: 9.016 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF130334.D

Acq: 19 Sep 2022 22:37

Instrument :

BNA_F

ClientSampleId :

OK-02-091622

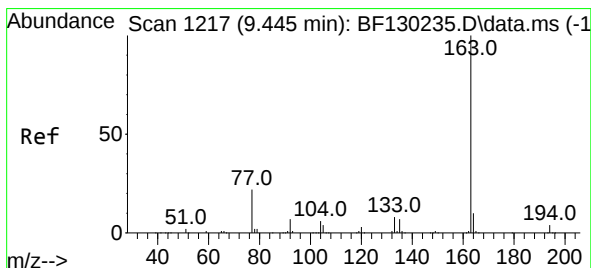
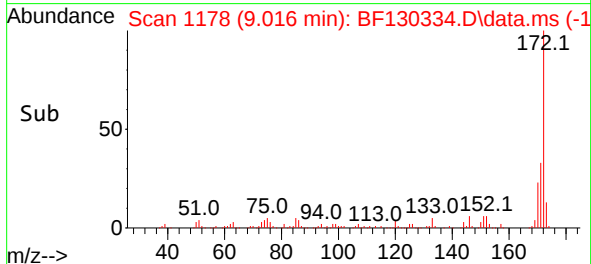
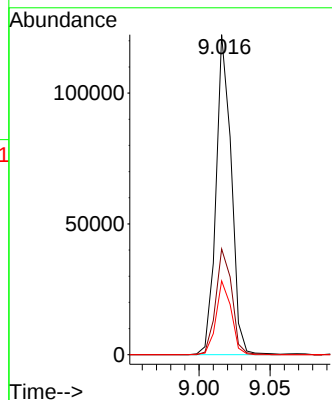
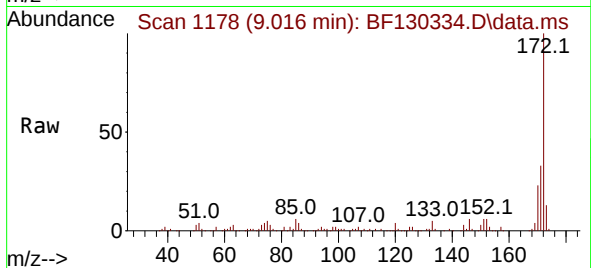
Tgt Ion:172 Resp: 91427

Ion Ratio Lower Upper

172 100

171 33.0 28.3 42.5

170 23.0 18.7 28.1



#50

Dimethylphthalate

Concen: 2.663 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.265 min

Lab File: BF130334.D

Acq: 19 Sep 2022 22:37

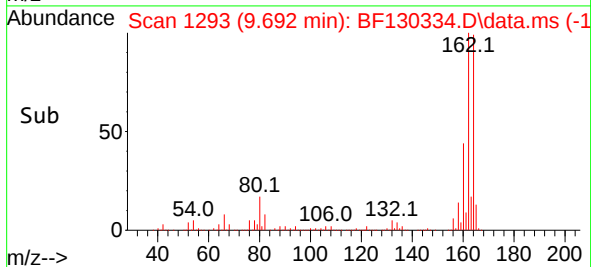
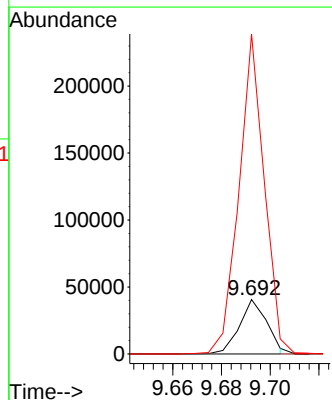
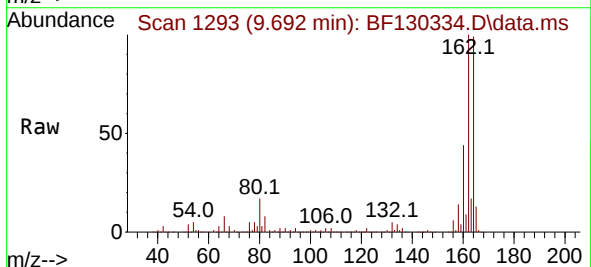
Tgt Ion:163 Resp: 31853

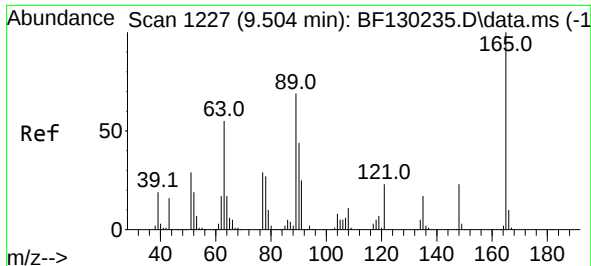
Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

164 588.8 8.2 12.2#

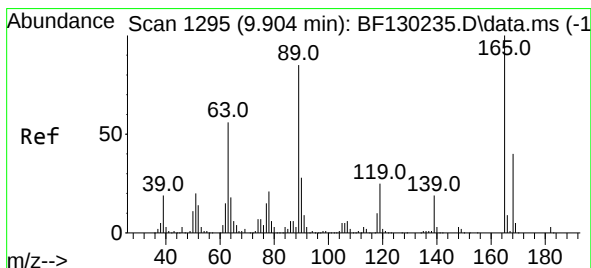
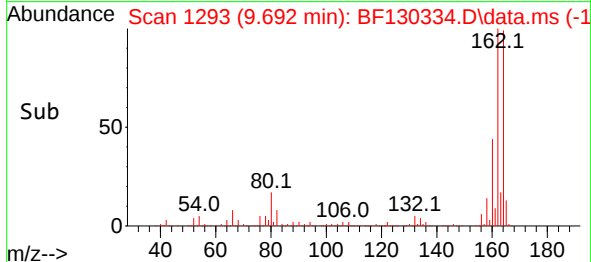
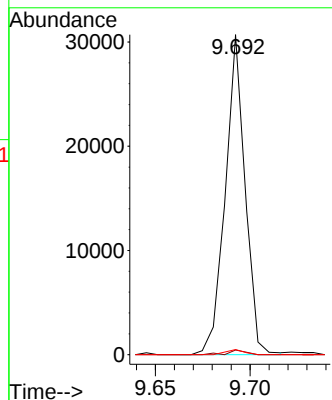
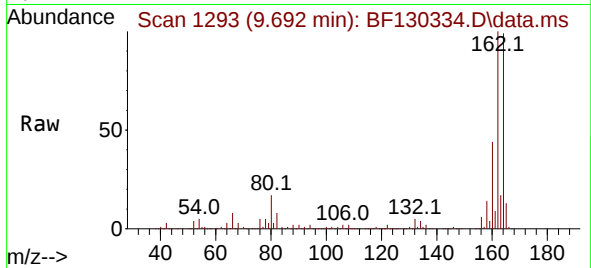




#51
2,6-Dinitrotoluene
Concen: 8.945 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.206 min
Lab File: BF130334.D
Acq: 19 Sep 2022 22:37

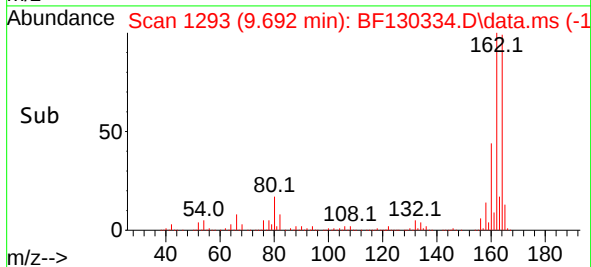
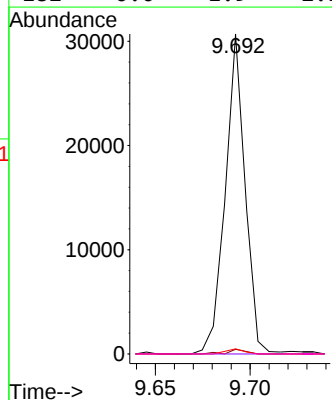
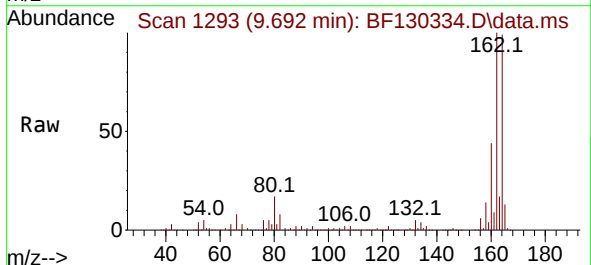
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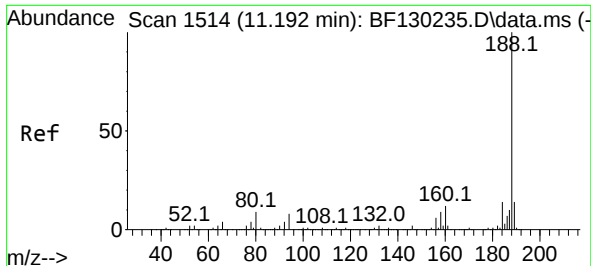
Tgt Ion:165 Resp: 22377
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 1.6 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 6.999 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.194 min
Lab File: BF130334.D
Acq: 19 Sep 2022 22:37

Tgt Ion:165 Resp: 22377
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.6 69.0 103.4#
182 0.0 1.9 2.9#

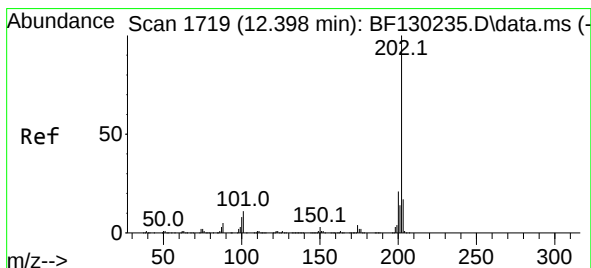
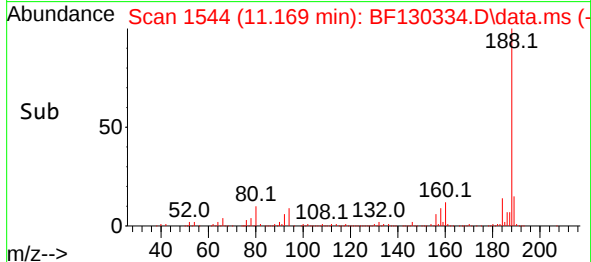
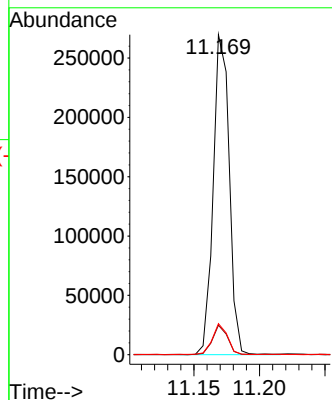
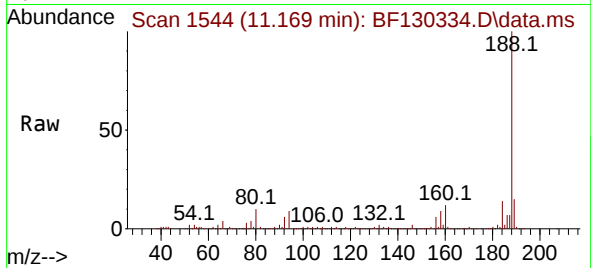




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130334.D
Acq: 19 Sep 2022 22:37

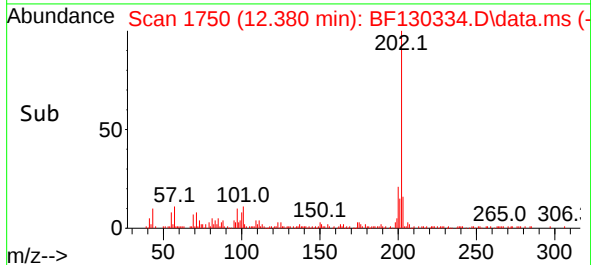
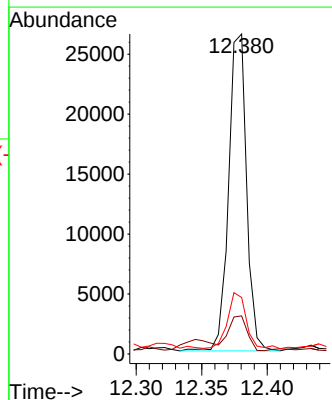
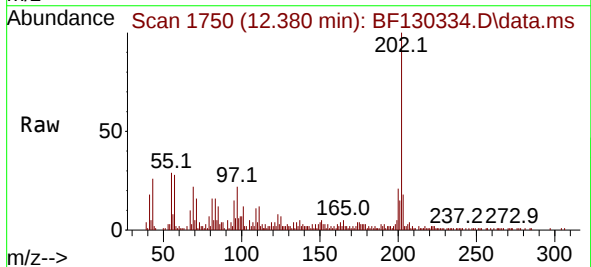
Instrument :
BNA_F
ClientSampleId :
OK-02-091622

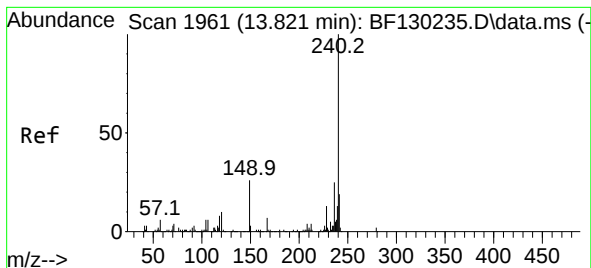
Tgt Ion:188 Resp: 229590
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.7 7.9 11.9



#75
Fluoranthene
Concen: 2.019 ng
RT: 12.380 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BF130334.D
Acq: 19 Sep 2022 22:37

Tgt Ion:202 Resp: 25143
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.8
203 17.7 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.804 min Scan# 1961

Delta R.T. 0.000 min

Lab File: BF130334.D

Acq: 19 Sep 2022 22:37

Instrument :

BNA_F

ClientSampleId :

OK-02-091622

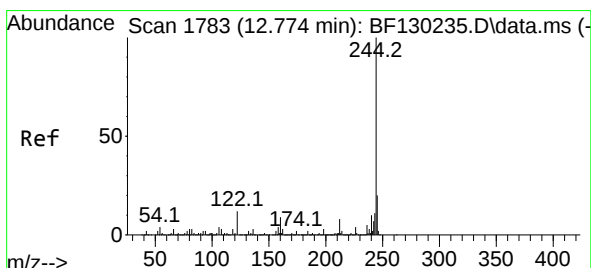
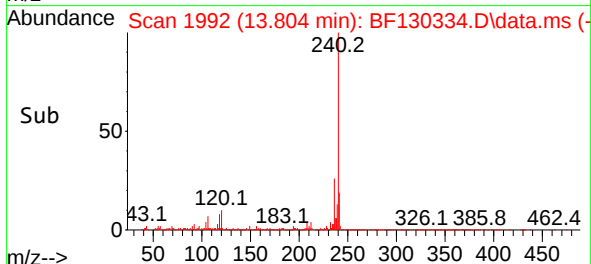
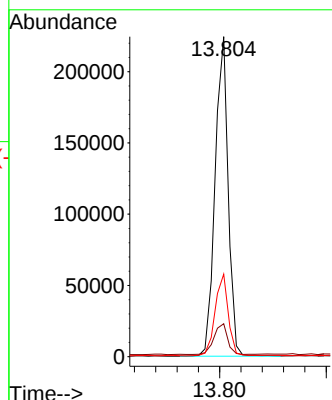
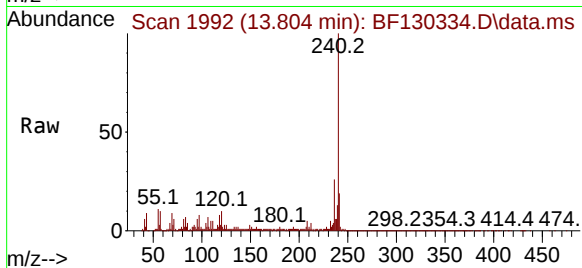
Tgt Ion:240 Resp: 191812

Ion Ratio Lower Upper

240 100

120 10.3 8.7 13.1

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 6.195 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF130334.D

Acq: 19 Sep 2022 22:37

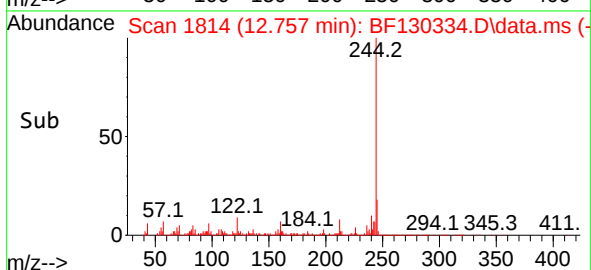
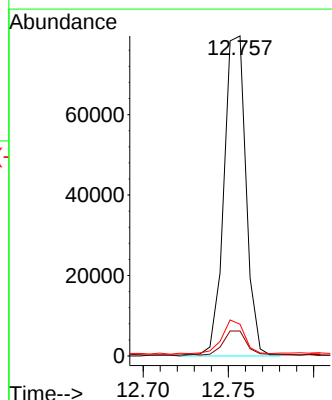
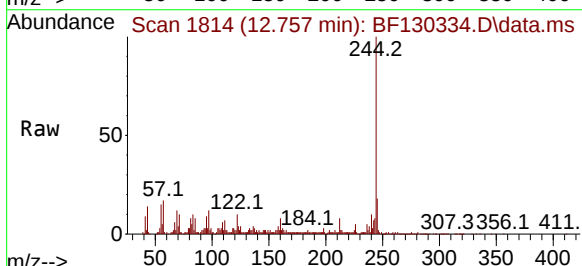
Tgt Ion:244 Resp: 71730

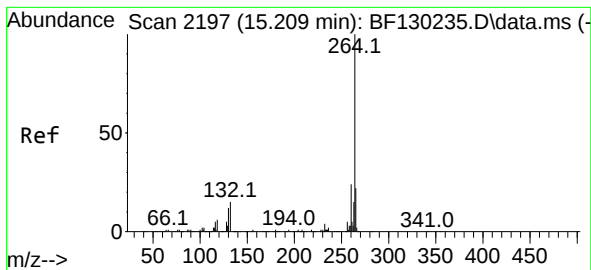
Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 9.9 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130334.D
 Acq: 19 Sep 2022 22:37

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-091622

Tgt Ion:264 Resp: 137520
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 22.5 17.0 25.4

